

---

---

**Test method for staple length  
of dehaired cashmere — Hand-  
arranging method**

*Méthode d'essai de la longueur de fibre du cachemire épilé —  
Méthode d'organisation à la main*

Sample Document

get full document from [standards.iteh.ai](https://standards.iteh.ai)



# Sample Document

get full document from [standards.iteh.ai](https://standards.iteh.ai)



## **COPYRIGHT PROTECTED DOCUMENT**

© ISO 2015, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
Ch. de Blandonnet 8 • CP 401  
CH-1214 Vernier, Geneva, Switzerland  
Tel. +41 22 749 01 11  
Fax +41 22 749 09 47  
[copyright@iso.org](mailto:copyright@iso.org)  
[www.iso.org](http://www.iso.org)

# Contents

	Page
<b>Foreword</b> .....	<b>iv</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Principle</b> .....	<b>1</b>
<b>5 Apparatus</b> .....	<b>1</b>
<b>6 Sample preparation</b> .....	<b>2</b>
<b>7 Test procedure</b> .....	<b>2</b>
7.1 Plotting.....	3
<b>8 Calculations and expression of results</b> .....	<b>4</b>
8.1 Hand-arranging staple length.....	4
8.2 Short fibre content.....	4
8.3 Test result.....	4
<b>9 Test report</b> .....	<b>4</b>
<b>Annex A (informative) Example of calculations made to obtain the hand-arranging staple length</b> ..	<b>6</b>

# Sample Document

get full document from [standards.iteh.ai](https://standards.iteh.ai)

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 38, *Textiles*, Subcommittee SC 23, *Fibres and yarns*.

get full document from [standards.iteh.ai](http://standards.iteh.ai)

# Test method for staple length of dehaired cashmere — Hand-arranging method

## 1 Scope

This International Standard specifies a test method for a staple length of dehaired cashmere by a hand-arranging method.

This International Standard is also applicable to dehaired camel, dehaired yak, etc.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 139, *Textiles — Standard atmospheres for conditioning and testing*

## 3 Terms and definitions

For the purpose of this document, the following terms and definitions apply.

### 3.1

#### **dehaired cashmere**

cashmere which has been scoured and dehaired

### 3.2

#### **hand-arranging staple length**

average fibre length measured on the length distribution graph which is arranged uniformly with fibres

### 3.3

#### **short fibre content**

number of fibres equal to or less than 15 mm in length as a percentage of the total number of fibres

## 4 Principle

Fibres are uniformly arranged onto a length distribution graph on a flannelette board. The length values are measured at 10 mm intervals. The weighted mean of these length values is called the hand-arranging staple length.

## 5 Apparatus

**5.1 Flannelette board**, covered with black knit flannelette (polyester fibres, 150 g/m<sup>2</sup> to 250 g/m<sup>2</sup> fabric weight).

**5.2 Tweezers.**

**5.3 Steel plate rulers**, with the minimum scale of 0,5 mm.

**5.4 Coordinate papers**, with the minimum scale of 1 mm.